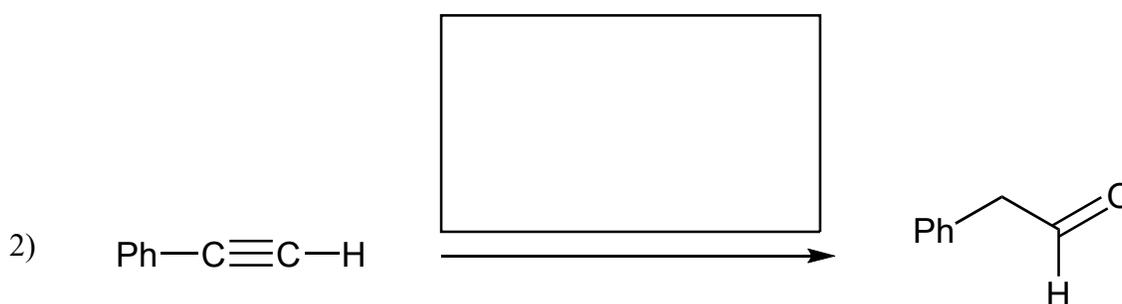
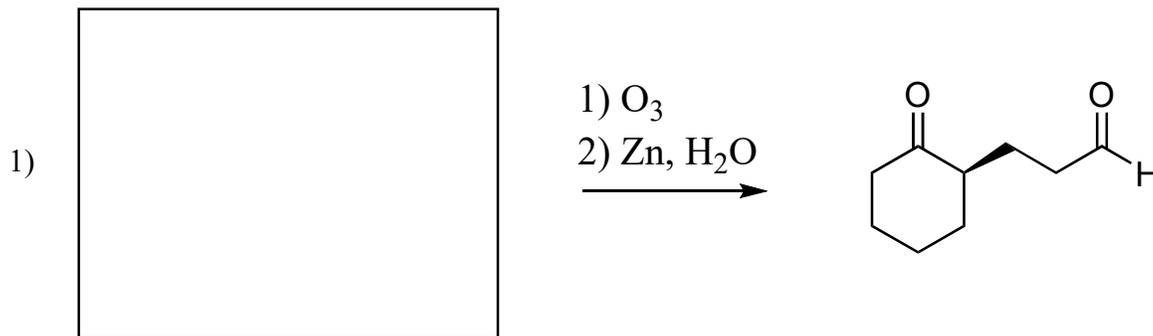


9A) (6 pts) Provide the missing reactant or reagent(s) for the following transformations. Remember to indicate stereochemistry, when appropriate.



9B) (12 pts) Provide the reagents necessary to transform the given starting material into the desired product. More than one step may be required. **Show your work for partial credit.**

